

Excellent Integrated System Limited

Stocking Distributor

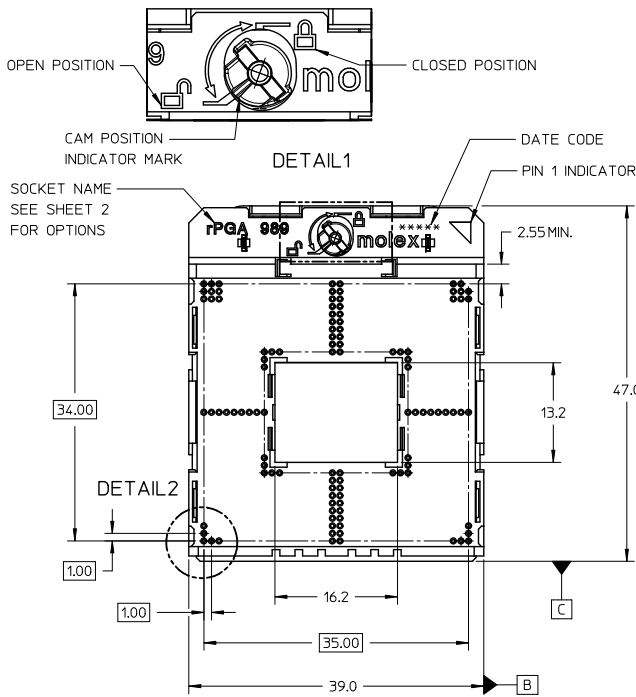
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0479890232](#)

For any questions, you can email us directly:

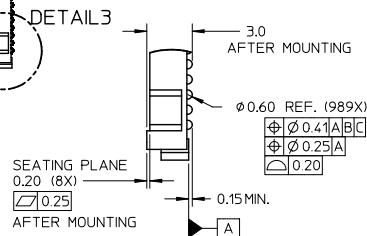
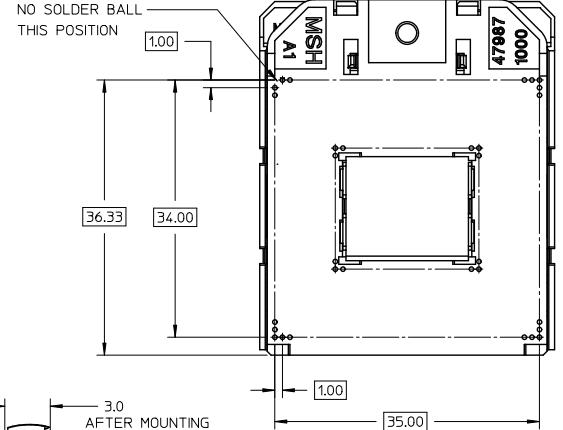
sales@integrated-circuit.com

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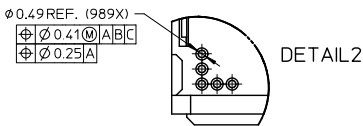


NOTES:

- 1) THIS SOCKET COMPLIES WITH ALL SPECIFICATIONS AND PERFORMANCE REQUIREMENTS FOR INTEL rPGA98X SERIES CPU PROCESSORS.
- 2) SOCKET SHOWN IN OPEN POSITION.
- 3) SEE SHEET 2 FOR DETAILS PERTAINING TO KEYING, MATERIAL AND PACKAGING OPTIONS.
- 4) THIS PRODUCT SERIES COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC.



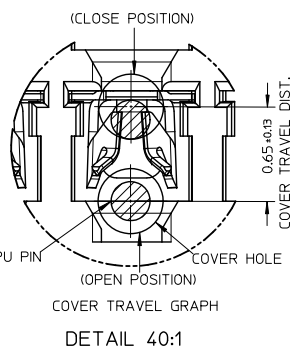
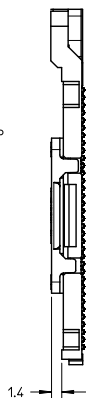
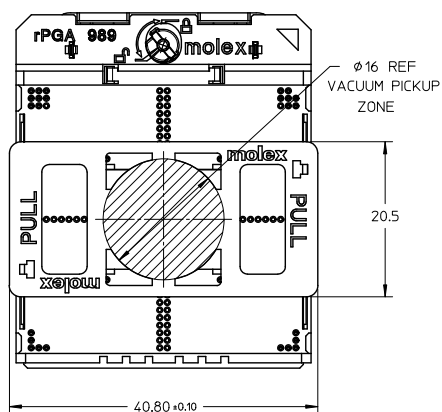
DETAIL3



REVISED EC NO: SH2011-0076 DRW:ZYYAN CHKD: APPR:AYIN	2010/09/03	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
	2010/09/06						MM ONLY		2:1	METRIC			
	2010/09/17												
				mm	INCH	DRAWN BY	DATE	TITLE					
	▽=0			4 PLACES ± ---	± ---	QWFANG	2008/04/25	RPGA989 SOCKET ASSEMBLY					
	▽=0			3 PLACES ± ---	± ---	CHECKED BY	DATE						
	▽=0			2 PLACES ± 0.10	± ---	JKACHLIC	2008/05/29						
REV				1 PLACE ± 0.20			± ---	APPROVED BY	DATE	MOLEX INCORPORATED			
				ANGULAR ± 2 °				CL IANG	2008/05/29				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-47989-001		SHEET NO. 1 OF 6		
							SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

9 8 7 6 5 4 3 2 1

REMOVEABLE PICK & PLACE CAP



NOTES:

1) MATERIALS:

MOLDED COMPONENTS: LIQUID CRYSTAL POLYMER (LCP) UL 94V-0
BASE HOUSING COLOR: BLACK
COVER COLOR: NATURAL
MYLAR(POLYIMIDE, COLOR:ORANGE) OR PnP COVER(LCP, COLOR: BLACK)
FOR PICK & PLACE.
CONTACTS: HIGH STRENGTH COPPER ALLOY
PLATING: GOLD THICKNESS AS FOLLOWING TABLE 1-3 IN CONTACT AREA,
1.3um NICKEL OVERALL
CAM COMPONENTS: STAINLESS STEEL
SOLDER BALL: LEAD-FREE BALL SnAg3.0Cu0.5

2) DATE CODE

MOLEX INTERNAL USE
WORKING DAY
MONTH
YEAR

3) PRODUCT SPECIFICATION PS-47989-00* APPLIES

4) PACKAGING SPECIFICATION: PK-47989-001 (TAPE & REEL)
PK-47989-002 (HARD TRAY)

REVISED	EC NO. SH2011-0076	DRAWN:ZYUAN	CHKD:	2010/09/03	2010/09/06	APPR:ATIN	2010/09/17	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		TITLE		
													MM ONLY		2:1	METRIC					
										mm	INCH	DRAWN BY	DATE								
										4 PLACES	± ---	± ---	QWFANG	2008/04/25	RPGA989 SOCKET ASSEMBLY						
										3 PLACES	± ---	± ---	CHECKED BY	DATE							
										2 PLACES	± 0.10	± ---	JKACHL I C	2008/05/29							
										1 PLACE	± 0.20	± ---	APPROVED BY	DATE							
										ANGULAR ± 2 °		CL I ANG	2008/05/29	molex		MOLEX INCORPORATED					
												MATERIAL NO.		DOCUMENT NO.							
										DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-47989-001		SHEET NO. 2 OF 6					
												SIZE A		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

PART NO. OF GF PLATING- TABLE 1

PART NUMBER	PICK UP TYPE		PACKAGE TYPE		PRODUCT SPEC.
	MYLAR	CAP	T&R	HARD TRAY	
47989-0110	◆			◆	PS-47989-002
47989-0120	◆		◆		
47989-0130		◆		◆	
47989-0140		◆	◆		
47989-0210	◆			◆	
47989-0220	◆		◆		
47989-0230		◆		◆	
47989-0240		◆	◆		

PART NO. OF 10u" MIN. GOLD PLATING- TABLE 2

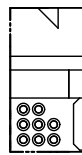
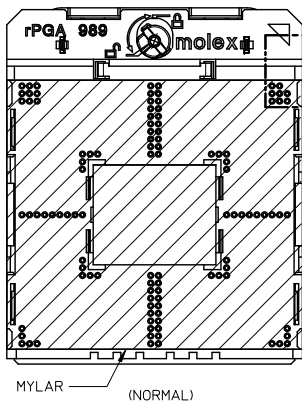
PART NUMBER	PICK UP TYPE		PACKAGE TYPE		PRODUCT SPEC.
	MYLAR	CAP	T&R	HARD TRAY	
47989-0111	◆			◆	PS-47989-003
47989-0121	◆		◆		
47989-0131		◆		◆	
47989-0141		◆	◆		
47989-0211	◆			◆	
47989-0221	◆		◆		
47989-0231		◆		◆	
47989-0241		◆	◆		

PART NO. OF 15u" MIN. GOLD PLATING- TABLE 3

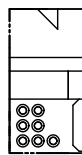
PART NUMBER	PICK UP TYPE		PACKAGE TYPE		PRODUCT SPEC.
	MYLAR	CAP	T&R	HARD TRAY	
47989-0112	◆			◆	PS-47989-001
47989-0122	◆		◆		
47989-0132		◆		◆	
47989-0142		◆	◆		
47989-0212	◆			◆	
47989-0222	◆		◆		
47989-0232		◆		◆	
47989-0242		◆	◆		

SOCKET KEYING OPTIONS

MYLAR PICK & PLACE OPTION



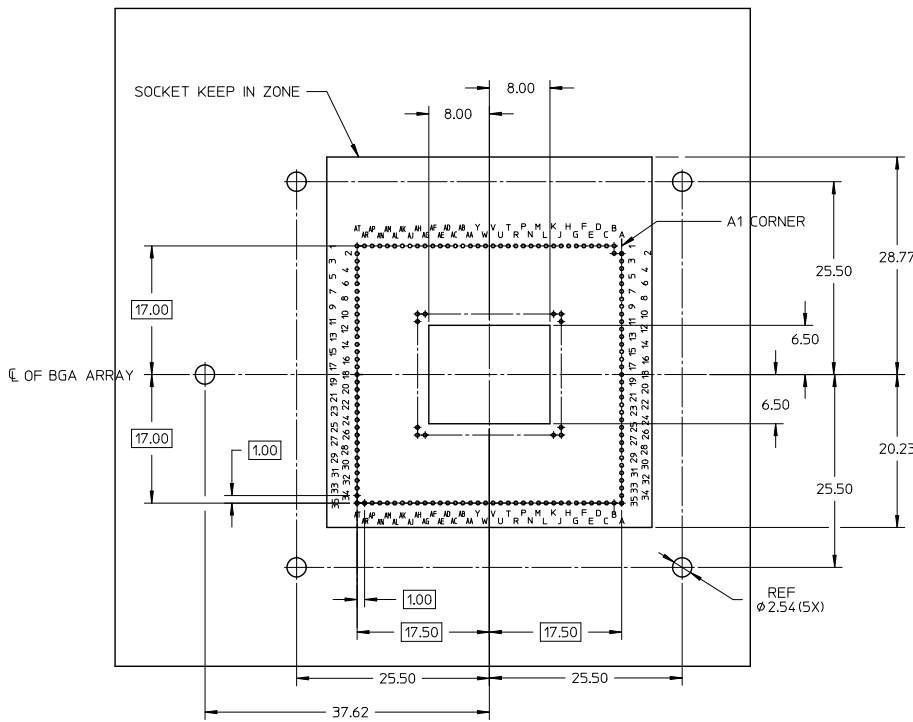
rPGA989
47989-01**



rPGA988A
47989-02**

REVISED	EC NO.	SH2011-0076	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
B			DRWN:ZYAN	2010/09/03			CHKC:	2010/09/06			
			APPR:ATIN	2010/09/17							
QUALITY SYMBOLS											
GENERAL TOLERANCES (UNLESS SPECIFIED)											
DIMENSION STYLE MM ONLY											
SCALE 2:1 DESIGN UNITS METRIC											
THIRD ANGLE PROJECTION											
TITLE RPGA989 SOCKET ASSEMBLY											
MOLEX INCORPORATED											
SD-47989-001											
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

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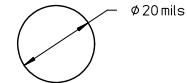


MOTHERBOARD KEEP IN ZONE (KIZ)
(FOR NORMAL)

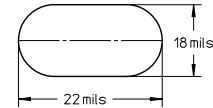
NOTES:

shape pada of PCB are recommended

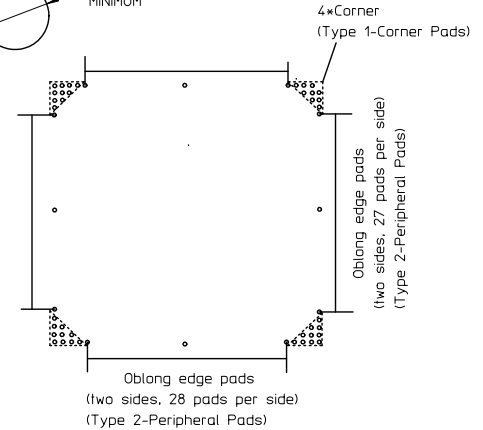
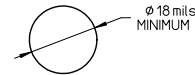
TYPE1-Corner Pads



TYPE2-Peripheral Pads(Oblong-shape pada are recommended)



TYPE3-All Other Location Except for those of Type1 and Type2 Locations)



REVISED EC NO: SH2011-0076 DRAWN: ZYAN CHKD: APPR: AYIN BY	DESCRIPTION 2010/09/03 2010/09/06 2010/09/17	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY QWFANG	DATE 2008/04/25	TITLE RPGA989 SOCKET ASSEMBLY			
			4 PLACES	± ---	± ---	CHECKED BY JKACHL I C	DATE 2008/05/29				
			3 PLACES	± ---	± ---	APPROVED BY CL IANG		DATE 2008/05/29	 MOLEX INCORPORATED		
			2 PLACES	± 0.10	± ---						
			1 PLACE	± 0.20	± ---	DOCUMENT NO. SD-47989-001		SHEET NO. 4 OF 6			
			ANGULAR ± 2 °								
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE					
						SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

PART NO. OF GF PLATING- TABLE 1

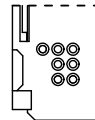
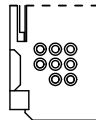
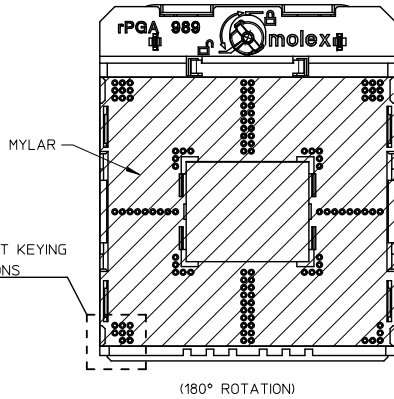
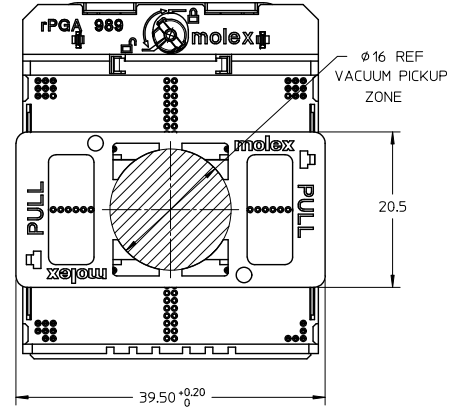
PART NUMBER	PICK UP TYPE		PACKAGE TYPE		PRODUCT SPEC.
	MYLAR	CAP	T&R	HARD TRAY	
47989-9110	◆			◆	PS-47989-002
47989-9120	◆		◆		
47989-9130		◆		◆	
47989-9140		◆	◆		
47989-9210	◆			◆	
47989-9220	◆		◆		
47989-9230		◆		◆	
47989-9240		◆	◆		

PART NO. OF 10u" MIN. GOLD PLATING- TABLE 2

PART NUMBER	PICK UP TYPE		PACKAGE TYPE		PRODUCT SPEC.
	MYLAR	CAP	T&R	HARD TRAY	
47989-9111	◆			◆	PS-47989-003
47989-9121	◆		◆		
47989-9131		◆		◆	
47989-9141		◆	◆		
47989-9211	◆			◆	
47989-9221	◆		◆		
47989-9231		◆		◆	
47989-9241		◆	◆		

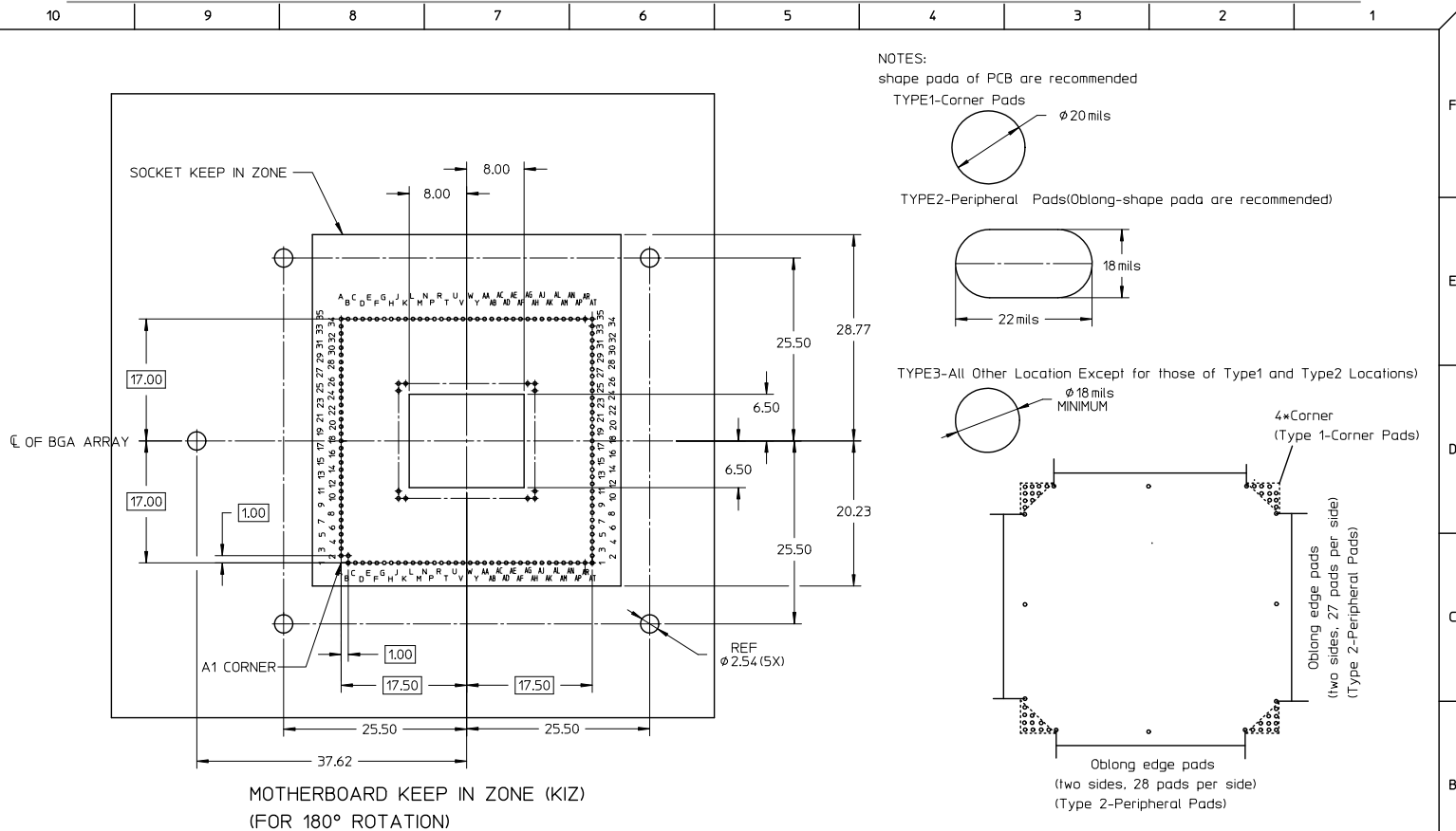
PART NO. OF 15u" MIN. GOLD PLATING- TABLE 3

PART NUMBER	PICK UP TYPE		PACKAGE TYPE		PRODUCT SPEC.
	MYLAR	CAP	T&R	HARD TRAY	
47989-9112	◆			◆	PS-47989-001
47989-9122	◆		◆		
47989-9132		◆		◆	
47989-9142		◆	◆		
47989-9212	◆			◆	
47989-9222	◆		◆		
47989-9232		◆		◆	
47989-9242		◆	◆		



REVISED EC NO: SH2011-0076 DRAWN BY: B. DRINZKYAN CHKD: 2010/09/06 APPR: A.T. IN 2010/09/17	DESCRIPTION	REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION	
							MM ONLY		2:1	METRIC		
							DRAWN BY	DATE	TITLE RPGA989 SOCKET ASSEMBLY			
							CHECKED BY	DATE				
							APPROVED BY	DATE				
							MATERIAL NO.	DOCUMENT NO.				
							SEE TABLE		SD-47989-001			SHEET NO.
												5 OF 6

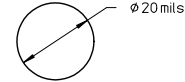
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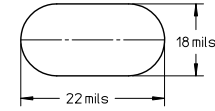
NOTES:

shape pada of PCB are recommended

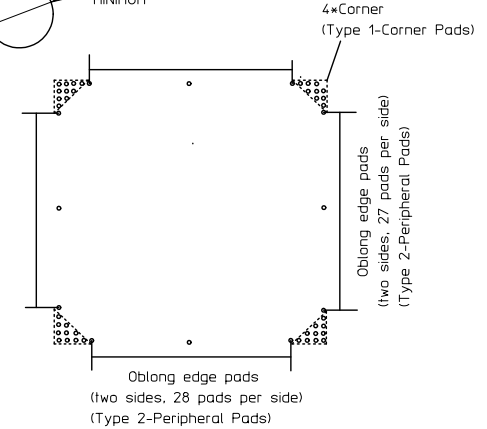
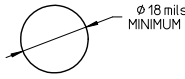
TYPE1-Corner Pads



TYPE2-Peripheral Pads(Oblong-shape pada are recommended)



TYPE3-All Other Location Except for those of Type1 and Type2 Locations)



MOTHERBOARD KEEP IN ZONE (KIZ)
(FOR 180° ROTATION)

REVISED EC NO: SH2011-0076 DRWN:ZYAN CHKD: APPR:ATIN	2010/09/03 2010/09/06 2010/09/17	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	TITLE RPGA989 SOCKET ASSEMBLY	
							MM ONLY		2:1	METRIC			
					mm	INCH	DRAWN BY	DATE					
				 =0	4 PLACES	± ---	± ---	QWFANG	2008/04/25				
				 =0	3 PLACES	± ---	± ---	CHECKED BY	DATE				
				 =0	2 PLACES	± 0.10	± ---	JKACHLIC	2008/05/29				
					1 PLACE	± 0.20	± ---	APPROVED BY	DATE				
				ANGULAR ± 2 °			CLANG		2008/05/29		MOLEX INCORPORATED		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO.			SEE TABLE		DOCUMENT NO.	SD-47989-001			
				SIZE			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						